Index of Claims

| Application No.    | Applicant(s) |
|--------------------|--------------|
| 10/661,287         | CHEN, FENG   |
| Examiner           | Art Unit     |
| Howard L. Williams | 2819         |

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim           |  |  | _                                   | D               | ate      |              |   |          | CI   | aim           |  |                 |  | Dat     | е            |                 |  | )(      | CI    | aim        |          | _                  |          | C        | ate      | •        |          |          |          |
|----------|---------------|--|--|-------------------------------------|-----------------|----------|--------------|---|----------|--|---------------|--|-----------------|--|---------|--------------|-----------------|--|---------|-------|------------|----------|--------------------|----------|----------|----------|----------|----------|----------|----------|
| _        | ल             | l_   | 4  | S                                   |                 |          |              | 1 1                                     |          |  | <sub>18</sub> |  |                 |  |         |              |                 |  |         |       | <u> </u>   |          |                    |          | ĺ        |          |          |          |          |          |
| Final    | Original      | 4/2/04   | 11/18/04   | 3/31/05                             |                 |          |              |   |          | Final  | Original      |  |                 |  |         |              |                 |  |         | Final | Original   |          |                    |          |          |          |          | - 1      |          |          |
| Œ        | ŏ             | 4  | Ξ.   | 3/3                                 | li              |          |              |   |          | ίΞ   | ١٤            |  |                 |  |         |              |                 |  |         | ίĒ    | Ę          |          |                    |          | - 1      |          |          |          |          |          |
|          | <u> </u>      | L.   | <u>L</u> .                                       |                                     | $\sqcup \bot$   |          | _            | $\downarrow \downarrow$                 | _        | <u></u>  | <u> </u>      |  |                 |  | _ _     | _            | lacksquare      |  |         |       |            |          | $\perp$            |          | _        |          | _        | _        | _        |          |
| ļ        | 1             | ٧  | 1  | 1                                   | $\sqcup$        | _        | ╄.           | 4-4                                     | _        | <u> </u>   | 51            |  | $\dashv$        | _  | _ _     | -            | $\vdash \vdash$ | _  |         |       | 101        | <u> </u> | $\sqcup$           | _        | _        | _        |          |          | _        | _        |
|          | 2             | 1  | 1  | 1                                   | $\vdash \vdash$ | - -      | +-           | +                                       |          | <u> </u>   | 52            | _  |                 | _  |         |              | Щ.              |  |         |       | 102        | _        |                    | $\dashv$ | _        |          | _        | _        | _        | _        |
| <u> </u> | 3             | 1  | 1  | 1                                   | ⊢⊹              | -        | +            | ₩                                       |          | <b> </b> -                                       | 53            | $\vdash$   | $\vdash$        |  | -       | -            | $\vdash$        |  |         |       | 103        | _        | _                  | _        | _        |          | 4        | 4        |          | _        |
| -        | <u>4</u><br>5 | 0  | =  | =                                   | ⊢⊹              | +        | ╁            | +                                       |          |  | 54<br>55      | $\vdash$   | -               |  |         | $\vdash$     | $\vdash$        |  |         |       | 104<br>105 | $\vdash$ | $\vdash$           |          |          | $\dashv$ | -        |          | $\dashv$ | $\dashv$ |
|          | 6             | 1  | √  | <u>=</u><br>√                       |                 | +        | +-           | +                                       |          | -  | 56            | H  |                 |  |         | ╁            | ⊢⊹              |  |         |       | 105        | $\vdash$ | $\vdash$           |          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 7             | V  | Ť  | 1                                   | ╁┼              |          | +            | +                                       |          | -  | 57            | ╁  | $\dashv$        |  |         | +            | $\vdash$        | -  |         |       | 107        |          | -                  | $\dashv$ |
|          | 8             | 1  | 1  | 7                                   |                 | $\dashv$ | +-           | + +                                     | -        |  | 58            | H  | $\vdash$        | -  | ┰       | +            | $\vdash \vdash$ | +  |         |       | 108        |          | $\vdash$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   |          |
|          | 9             | V  | V  | 1                                   | 1               | $\dashv$ | +            | +                                       |          |  | 59            |  | -               |  | +       |              | H               |  |         |       | 109        | -        | $\vdash$           | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 10            | 1  | V  | V                                   |                 | _        | +            |   |          |  | 60            | H  |                 | $\dashv$                                       | _       | $\vdash$     | $\vdash$        | +  |         |       | 110        | $\vdash$ | $\vdash$           |          | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$ | 一        |
| $\vdash$ | 11            | 1  | V  | 7                                   |                 | +        | +            | + +                                     | -        |  | 61            | Т  |                 |  | $\top$  | $\vdash$     | $\vdash$        | _  |         |       | 111        |          | $\vdash$           |          | $\dashv$ | $\dashv$ | -        | +        | $\dashv$ | $\dashv$ |
|          | 12            | 1  | 1  | 1                                   |                 | $\top$   | $\top$       | † †                                     | -        |  | 62            | П  | $\Box$          | $\top$   | 1-      | T            | $\vdash$        | $\neg$   |         |       | 112        |          |                    |          | _        | $\dashv$ |          | _        | $\dashv$ | $\dashv$ |
|          | 13            | ि  | Ξ  | =                                   |                 |          | T            | 1                                       |          |  | 63            | П  | П               | $\dashv$                                       | 1       | П            | $\Box$          | $\neg$   |         |       | 113        |          | $\sqcap$           | $\neg$   | $\neg$   | $\neg$   |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 14            | √  | √  | √                                   |                 |          | Τ            |   |          |  | 64            |  |                 | -  |         |              |                 |  |         |       | 114        |          | $\Box$             | $\neg$   | $\neg$   | $\neg$   |          | $\neg$   | $\dashv$ | ᅥ        |
|          | 15            | 1  | √  | √                                   |                 |          | $oxed{\Box}$ |   |          |  | 65            |  |                 | $\perp$  |         |              | $\Box \Box$     | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$  |         |       | 115        |          |                    |          | コ        |          |          |          | $\Box$   |          |
|          | 16            | 1  | <b>V</b>   | 1                                   | $\Box$          |          |              | $\Box$                                  |          |  | 66            |  |                 |  |         |              |                 |  |         |       | 116        |          |                    |          |          |          |          |          |          |          |
|          | 17            | 1  | √  | 1                                   | Ц               | $\prod$  | $oxed{\Box}$ | $\Box$                                  |          |  | 67            |  |                 | $\Box$   |         |              | $\Box$          |  |         |       | 117        |          |                    |          |          |          |          |          |          |          |
|          | 18            | =  | =  | =                                   | Ш               |          |              | $\perp \downarrow$                      | _        |  | 68            |  |                 |  |         |              |                 |  |         |       | 118        |          |                    |          |          |          |          |          |          |          |
|          | 19            | =  | =  | =                                   | Ш               |          | _            | $\perp \! \! \perp$                     |          |  | 69            |  | Ш               | $\perp$  |         |              |                 |  |         |       | 119        |          | Ш                  |          |          | _        |          |          |          |          |
|          | 20            | =  | =  | 三                                   | $\sqcup \bot$   |          | _            | 11                                      | _        |  | 70            |  | Ш               |  |         | Ļ            | <u> </u>        |  |         |       | 120        |          |                    |          |          | _        |          | _        |          | _        |
|          | 21            | <u> </u>   | <u> </u>   |                                     |                 | _        | ┸            | 1                                       | _        | <u></u>  | 71            | <u> </u>   |                 |  | 4       | 上            |                 |  |         |       | 121        |          |                    | _        | _        | _        |          | _        |          | _        |
|          | 22            | _  | <u> </u>   | _                                   | -               | _        | 1            | $\bot$                                  | _        | <u> </u>   | 72            | ↓_   |                 | _  |         | <u> </u>     | <u> </u>        |  |         |       | 122        | _        |                    | _        | _        |          |          | _        |          |          |
|          | 23            | ļ  | <u> </u>   | <u> </u>                            | ⊢               | $\dashv$ | -            | 41                                      |          |  | 73            | <u> </u>   |                 |  | +       | <del> </del> |                 |  |         |       | 123        | _        |                    | _        | _        |          |          | $\dashv$ | _        |          |
|          | 24<br>25      | <u> </u>   | _  |                                     | ╌               | -        | ╁            | ┼┤                                      |          |  | 74            | ┝  | -               |  |         | ⊬            | -               |  |         |       | 124        | _        | $\dashv$           |          |          |          |          | $\dashv$ |          | ᅴ        |
| _        | 26            | ├  | ┢  | ┝                                   | $\vdash$        |          | +            | +                                       |          |  | 75<br>76      | ╁  | $\vdash$        |  | -       | ╆            | $\vdash$        |  |         |       | 125        | -        | $\vdash$           |          |          | _        |          | $\dashv$ |          | _        |
| ├─       | 27            | ├  | ⊢  | <u> </u>                            | ╌┼              |          | +            | ╂                                       |          | <u> </u>   | 77            | ╁  | $\vdash$        |  |         | Н            |                 | -  |         |       | 126<br>127 | H        | $\vdash$           | -        |          | $\dashv$ | -        | -        |          | $\dashv$ |
|          | 28            |  | ┢  | H                                   | ╁               |          | +            | +                                       |          | <del>                                     </del> | 78            | Н  | $\vdash$        |  | +       | $\vdash$     | ┝╌┼             | +  |         |       | 128        | $\vdash$ | $\vdash$           | -        |          | $\dashv$ |          |          |          | $\dashv$ |
|          | 29            | $\vdash$   | $\vdash$   |                                     |                 | $\dashv$ | ╁            |   |          | -  | 79            | $\vdash$   |                 | +  | +       | $\vdash$     |                 | +  |         |       | 129        |          | $\dashv$           | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |
| -        | 30            | $\vdash$   | <del>                                     </del> | $\vdash$                            | $\vdash$        | $\dashv$ | +-           | + +                                     |          | <b>—</b>   | 80            | $\vdash$   | $\dashv$        | 一  | $\pm$   | -            | $\vdash$        | +  |         |       | 130        | Н        | $\dashv$           | -        | $\dashv$ | $\dashv$ | $\dashv$ | -        |          | $\dashv$ |
|          | 31            | 1  | H  |                                     |                 |          | t            | 11                                      | <b></b>  |  | 81            | <del>                                     </del> | $\vdash$        |  |         | $\vdash$     | $\vdash$        | +  |         |       | 131        |          |                    |          | ┪        | $\dashv$ | $\neg$   | -+       | $\dashv$ | ᅱ        |
|          | 32            | 1  | Τ  | $\Box$                              |                 | _        | $\top$       | 11                                      |          | $\vdash$   | 82            |  | $\Box$          | $\neg \vdash$                                  | 1       | <b>†</b>     |                 | 1  |         |       | 132        |          | $\dashv$           | 寸        | _        | $\dashv$ |          | 寸        | $\neg$   | ᅥ        |
|          | 33            |  |  |                                     | H               |          | $\top$       |   |          |  | 83            | T  | $\Box$          |  | T       |              |                 |  |         |       | 133        |          |                    | $\neg$   | ヿ        | $\neg$   |          | 寸        | 寸        |          |
|          | 34            |  |  |                                     |                 |          |              |   |          |  | 84            |  |                 | 7  | T       | 1            | $\sqcap$        |  |         |       | 134        |          | $\sqcap$           | 寸        | $\neg$   | $\neg$   |          |          |          | $\neg$   |
|          | 35            |  |  |                                     |                 |          |              | $oldsymbol{oldsymbol{\Box}}$            |          |  | 85            |  |                 |  |         |              |                 | $oldsymbol{ol}}}}}}}}}}}}}}$ |         |       | 135        |          |                    |          |          |          |          |          |          |          |
|          | 36            | 匚  | L  |                                     | $\Box$          |          | L            | $\Box$                                  |          |  | 86            |  |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{T}}}$ |         |              |                 |  |         |       | 136        |          |                    |          |          |          |          |          |          |          |
|          | 37            | <u> </u>   | _  | $oxed{oxed}$                        | $\Box$          |          | 1            | 11                                      | _        |  | 87            |  |                 | $oldsymbol{\perp}$                             |         |              |                 |  |         |       | 137        |          |                    |          |          | $\Box$   |          |          |          |          |
|          | 38            | <u> </u>   |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ               | _ _      | 4_           | 11                                      | _        |  | 88            | $oldsymbol{oldsymbol{oldsymbol{eta}}}$           | Ц               |  |         | $oxed{oxed}$ | $\Box$          |  |         |       | 138        |          | $\Box$             |          |          |          | ]        | [        |          |          |
| <u> </u> | 39            | ļ  | <u> </u>   | Щ.                                  | Щ.              | $\perp$  | 4            | $\perp \downarrow$                      |          | L  | 89            |  | $\sqcup$        |  |         | <u> </u>     | _               | $\perp$  |         |       | 139        | $\Box$   | Ц                  | _        | _        | _        |          | _        | _        | _        |
| <u> </u> | 40            | L  | <u> </u>   | Щ                                   | $\sqcup$        | _        | $\bot$       | $\perp \downarrow$                      |          |  | 90            |  | $\sqcup$        | 4  | $\perp$ | <b>!</b>     | $\sqcup \bot$   | $\perp$  |         |       | 140        | L_       | Ш                  | _        |          |          |          |          |          | _        |
| <u> </u> | 41            | ⊢  | <u> </u>   | <u> </u>                            | $\vdash \vdash$ | 4        | +            | +                                       | -        | ļ  | 91            | <b> </b>   | $\sqcup$        | _  | $\bot$  | 1            | $\vdash \bot$   |  |         |       | 141        | <u> </u> | $\square$          | 4        | _        |          |          |          |          | ᆚ        |
| <u> </u> | 42            | <u> </u>   | <u> </u>   | $\vdash$                            | $\vdash$        | +        | +            | - -                                     | ::::     | <u> </u>   | 92            | -  | $\vdash \vdash$ | +  | +       | $\vdash$     | $\vdash$        |  |         |       | 142        | Щ        | $\sqcup$           |          | _        | 4        | _        | _        | 4        | _        |
| _        | 43            | $\vdash$   | ├-   | $\vdash$                            | $\vdash \vdash$ | +        | +            | ╂╾╂                                     |          |  | 93            | 1  | $\vdash \vdash$ | +  | +       | ╀            | $\vdash$        | +-   |         |       | 143        | Щ        | $\vdash$           |          | $\dashv$ | $\dashv$ |          | -        | _        | 긕        |
| $\vdash$ | 44<br>45      |  | <del> </del>                                     | -                                   | $\vdash \vdash$ | +-       | +            | ╂                                       |          | <u> </u>   | 94            | $\vdash$   | $\vdash \vdash$ |  | +       | -            |                 |  |         |       | 144        | <u> </u> | $\dashv$           |          |          | 4        |          |          | -        | 4        |
|          | 46            |  | ┢  | <del> </del>                        | $\vdash \vdash$ |          |              | ╁╾╂                                     | ::::     | <u> </u>   | 95<br>96      |  | $\vdash \vdash$ |  | +       | $\vdash$     | $\vdash$        | +-   |         |       | 145<br>146 | $\vdash$ | $\dashv$           | -        |          |          |          |          |          | $\dashv$ |
|          | 47            | ⊢  | $\vdash$   | $\vdash$                            | $\vdash \vdash$ | +        | +            | ╂═╂                                     | $\dashv$ | <u> </u>   | 97            |  | $\vdash \vdash$ | +  | +       | $\vdash$     | $\vdash$        | +-   |         |       | 147        | $\vdash$ | $\dashv$           | $\dashv$ |          | $\dashv$ |          |          |          |          |
| $\vdash$ | 48            | <del>                                     </del> |  |                                     | $\vdash$        | +        | +            | ╅╾┩                                     | -        | $\vdash$   | 98            | -  | $\vdash \vdash$ | +  | +-      | $\vdash$     | $\vdash$        | +-   |         |       | 148        | $\vdash$ | $\dashv$           | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 49            | $\vdash$   | $\vdash$   |                                     | $\vdash$        | +        | +            | 1-1                                     |          | <u> </u>   | 99            | -  | $\vdash$        | $\dashv$                                       | +       | +-           |                 | +  |         |       | 149        | $\vdash$ | $\vdash$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          |          |
|          | 50            | Ι-   |  |                                     | $\vdash \vdash$ | +        | +            | ╅╾┪                                     |          | _  | 100           | -  | $\vdash$        | $\dashv$                                       | +       | $\vdash$     |                 | +  |         |       | 150        | H        | $\dashv$           | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ | ၂        |
|          | 30            |  | Щ.   |                                     | ш               |          | 1            | لــــــــــــــــــــــــــــــــــــــ | ::::     | Ц  | 1100          | <b>L</b> _                                       | щ               | L  |         | L            | Щ.              |  | J:::::[ |       | 130        | لـــا    | $oldsymbol{\perp}$ |          |          |          |          |          |          |          |